

ABSTRACT

5 Polyester fibers having an individual fiber
thickness of 0.1 to 10 dtex are produced from a polyester
polymer produced by polycondensing an aromatic
dicarboxylate ester in the presence of a catalyst
including a mixture of a Ti compound component (A)
including at least one member selected from titanium
alkoxides and reaction products of the titanium alkoxides
10 with a specific type of carboxylic acids or anhydrides
thereof, with a specific P compound component (B), and/or
a reaction product of a Ti compound component (C) with a
specific P compound component (D). The resultant fibers
have a good color tone (a low b value) a stable drawing
15 and false-twisting processability and exhibit excellent
appearance and performance.